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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	Not Yet Assigned 10/686251
		Filing Date	Herewith
		First Named Inventor	LUSKY, Eli
		Group Art Unit	2818
		Examiner Name	HO, H.
Sheet 1 of 8	Attorney Docket Number	P-4006-US1	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
HW	AA*	3,895,360		Cricchi et al.	7/15/1975	
	AB*	4,016,588		Ohya et al.	4/5/1977	
	AC*	4,017,888		Christie et al.	4/12/1977	
	AD*	4,151,021		McElroy	4/24/1979	
	AE*	4,173,766		Hayes	11/8/1979	
	AF*	4,173,791		Bel	11/6/1979	
	AG*	4,281,397		Neal et al.	7/28/1981	
	AH*	4,306,353		Jacobs et al.	12/22/1981	
	AI*	4,342,149		Jacobs et al.	8/3/1982	
	AJ*	4,360,900		Bate	11/23/1982	
	AK*	4,380,057		Kotecha et al.	4/12/1983	
	AL*	4,388,705		Sheppard	8/14/1983	
	AM*	4,389,705		Sheppard	6/21/1983	
	AN*	4,471,373		Shimizu et al.	9/11/1984	
	AO*	4,521,796		Rajkaran et al.	6/4/1985	
	AP*	4,527,257		Cricchi	7/2/1985	
	AQ*	4,586,163		Koike	4/29/1986	
	AR*	4,630,085		Koyama	12/16/1986	
	AS*	4,667,217		Janning	5/19/1987	
	AT*	4,742,491		Liang et al.	5/3/1988	
	AU*	4,780,424		Holler et al.	10/25/1988	
	AV*	4,847,808		Kobatake	7/11/1989	
	AW*	4,870,470		Bass Jr. et al.	9/26/1989	
	AX*	4,916,671		Ichiguchi	4/10/1990	
	AY*	4,941,028		Chen et al.	7/10/1990	
	AZ*	5,021,999		Kohda et al.	8/4/1991	
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	BB*	5,117,389		Yiu	5/26/1992	
	BC*	5,159,570		Mitchell et al.	10/27/1992	
	BD*	5,168,334		Mitchell et al.	12/1/1992	
	BE*	5,172,338		Mehrotra et al.	12/15/1992	
	BF*	5,176,120		Lee	12/29/1992	
	BG*	5,214,303		Aoki	5/25/1993	
HW	BH*	5,241,497		Komarek	8/31/1993	

Examiner Signature	HW	Date Considered	9/10/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Not Yet Assigned 10/656251
		Filing Date	Herewith
		First Named Inventor	LUSKY, Eli
		Group Art Unit	2818
		Examiner Name	HO, H.
		Attorney Docket Number	P-4006-US1
Sheet	2	of	8

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
HM	BI*	5,260,593		Lee	11/9/1993	
	BJ*	5,268,861		Hotta	12/7/1993	
	BK*	5,289,412		Frery et al.	2/22/1994	
	BL*	5,293,583		Ohta	3/8/1994	
	BM*	5,295,108		Higa	3/15/1994	
	BN*	5,305,262		Yoneda	4/19/1994	
	BO*	5,311,049		Tsunata	5/10/1994	
	BP*	5,315,541		Harari et al.	5/24/1994	
	BQ*	5,338,954		Shimoji	8/16/1994	
	BR*	5,345,425		Shikatanl	9/6/1994	
	BS*	5,349,221		Shimoji	9/20/1994	
	BT*	5,350,710		Hong et al.	9/27/1994	
	BU*	5,359,554		Odake et al.	10/25/1994	
	BV*	5,393,701		Ko et al.	2/28/1995	
	BW*	5,394,356		Uramoto et al.	2/28/1995	
	BX*	5,399,891		Yiu et al.	3/21/1995	
	BY*	5,412,601		Sawada et al.	5/2/1995	
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	CA*	5,418,176		Yang et al.	5/23/1995	
	CB*	5,418,743		Tomloka et al.	5/23/1995	
	CC*	5,422,844		Wolstenholme et al.	6/8/1995	
	CD*	5,424,978		Wada et al.	6/13/1995	
	CE*	5,426,605		Van Berkel et al.	6/20/1995	
	CF*	5,434,825		Harari	7/18/1995	
	CG*	5,440,505		Fazio et al.	8/8/1995	
	CH*	5,450,341		Sawada et al.	9/12/1995	
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	CJ*	5,455,793		Amin et al.	10/3/1995	
	CK*	5,467,308		Chang et al.	11/14/1995	
	CL*	5,477,499		Van Buskirk et al.	12/19/1995	
	CM*	5,495,440		Asakura	2/27/1996	
HM	CN*	5,518,942		Shrivastava	5/21/1996	
	CO*	5,521,870		Ishikawa	5/28/1996	

Examiner Signature	H. Ho	Date Considered	9/6/04
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		Filing Date	Herewith
		First Named Inventor	LUSKY, Eli
		Group Art Unit	2818
		Examiner Name	HO, H.
		Attorney Docket Number	P-4006-US1
Sheet	3	of	8

U.S. PATENT DOCUMENTS						
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<i>HM</i>	CP*	5,623,251		Hong	6/4/1996	
	CQ*	5,523,972		Rashid et al.	6/4/1996	
	CR*	5,553,018		Wang et al.	9/3/1996	
	CS*	5,563,823		Yiu et al.	10/8/1996	
	CT*	5,583,808		Brahmbhatt	12/10/1996	
	CU*	5,589,727		Hakozaki et al.	2/4/1997	
	CV*	5,623,438		Guritz et al.	4/22/1997	
	CW*	5,654,568		Nakao	8/5/1997	
	CX*	5,656,513		Wang et al.	8/12/1997	
	CY*	5,661,060		Gill et al.	8/26/1997	
	CZ*	5,683,925		Irani et al.	11/4/1997	
	DA*	5,712,814		Fratin et al.	1/27/1998	
	DB	5,715,193		Norman	2/3/1998	
	DC*	5,726,946		Yamagata et al.	3/10/1998	
	DD*	5,781,037		Aozasa et al.	5/12/1998	
	DE*	5,754,475		Bill et al.	5/19/1998	
	DF*	5,768,192		Eitan	6/16/1998	
	DG	5,768,193		Lee et al.	6/16/1998	
	DH*	5,777,919		Chi-Yung et al.	7/7/1998	
	DI*	5,784,314		Sail et al.	7/21/1998	
	DJ*	5,787,036		Okazawa	7/28/1998	
	DK*	5,793,079		Georgescu et al.	8/11/1998	
	DL*	5,812,449		Song	9/22/1998	
	DM*	5,825,686		Schmitt-Landsiedel et al.	10/20/1998	
	DN*	5,834,851		Ikeda et al.	11/10/1998	
	DO*	5,836,772		Chang et al.	11/17/1998	
	DP*	5,841,700		Chang	11/24/1998	
	DQ*	5,847,441		Cutter et al.	12/8/1998	
	DR*	5,862,076		Eitan	1/19/1999	
	DS*	5,864,164		Wen	1/26/1999	
	DT*	5,870,335		Khan et al.	2/9/1999	
	DU*	5,886,927		Takeuchi	3/23/1999	
	DV*	5,948,558		Hsu	8/31/1999	
<i>HM</i>	DW*	5,949,728		Liu et al.	9/7/1999	

Examiner Signature	<i>H. H. O.</i>	Date Considered	<i>9/10/04</i>
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		Filing Date	Herewith
		First Named Inventor	LUSKY, Eli
		Group Art Unit	2818
		Examiner Name	HO, H.
Sheet 4 of 8	Attorney Docket Number	P-4006-US1	

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HD	DX*	5,963,412		En	10/5/1999	
	DY*	5,963,465		Eltan	10/5/1999	
	DZ	5,946,258		Evert et al.	8/31/1999	
	EA	5,969,993		Takeshima	10/19/1999	
	EB*	5,973,373		Krautschneider et al.	10/26/1999	
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	ED*	5,991,202		Derhacobian et al.	11/23/1999	
	EE*	6,011,725		Eltan	1/4/2000	
	EF*	6,018,186		Hsu	1/25/2000	
	EG*	6,020,241		You et al.	2/1/2000	
	EH*	6,028,324		Su et al.	2/22/2000	
	EI*	6,030,871		Eltan	2/29/2000	
	EJ*	6,034,403		Wu	3/7/2000	
	EK	6,034,896		Ranaweera et al.	3/7/2000	
	EL*	6,063,666		Chang et al.	5/16/2000	
	EM*	6,097,639		Choi et al.	8/1/2000	
	EN*	6,128,226		Eltan et al.	10/3/2000	
	EO*	6,134,156		Eltan	10/17/2000	
	EP*	6,137,718		Reisinger	10/24/2000	
	EQ	6,167,570		Nachumovsky	12/5/2000	
	ER*	6,163,048		Hirose et al.	12/19/2000	
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	ET*	6,201,282		Eltan	3/2001	
	EU*	6,215,148		Eltan	4/10/2001	
	EV	6,215,702		Derhacobian et al.	4/10/2001	
	EW	6,266,231		Lavi et al.	7/3/2001	
	EX	6,266,281		Derhacobian et al.	7/24/2001	
	EY*	6,285,574		Eltan	9/4/2001	
	EZ*	6,292,394		Cohen et al.	9/18/2001	
	FA*	6,304,485		Harari et al.	10/16/2001	
	FB*	6,348,711		Eltan	2/19/2002	
	FC*	6,396,741		Bloom et al.	5/28/2002	
	FD*	6,490,204		Bloom et al.	12/3/2002	
HD	FE	2002/0132436		Eliyahu et al.	9/19/2002	

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		Filing Date	Herewith
		First Named Inventor	LUSKY, Eli
		Group Art Unit	2818
		Examiner Name	HO, H.
Sheet 7 of 8	Attorney Docket Number	P-4006-US1	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HM	GD*	Chan et al., "A True Single-Transistor Oxide-Nitride-Oxide EEPROM Device," IEEE Electron Device Letters, vol. EDL-8, No. 3, Mar. 1987.	<input type="checkbox"/>
	GE*	Eitan et al., "Hot-Electron Injection into the Oxide in n-Channel MOS Devices," IEEE Transactions on Electron Devices, vol. ED-38, No. 3, pp. 328-340, Mar. 1981.	<input type="checkbox"/>
	GF*	Roy, Anirban "Characterization and Modeling of Charge Trapping and Retention in Novel Multi-Dielectric Nonvolatile Semiconductor Memory Device," Doctoral Dissertation, Sherman Fairchild Center, Department of Computer Science and Electrical Engineering, pp. 1-35, 1989.	<input type="checkbox"/>
	GG*	"2 Bit/Cell EEPROM Cell Using Band-To-Band Tunneling For Data Read-Out," IBM Technical Disclosure Bulletin, US IBM Corp. NY Vol. 35, No 4B, ISSN: 0018-88689, September, 1992.	<input type="checkbox"/>
	GH*	Hsing-Huang Tsent et al. "Thin CVD Gate Dielectric for USLI Technology," IEEE, 0-7803-1450-8, 1993.	<input type="checkbox"/>
	GI*	Pickar, K.A., "Ion Implementation in Silicon," Applied Solid State Science, Vol. 5, R. Wolfe Edition, Academic Press, New York, 1975.	<input type="checkbox"/>
	GJ*	Bruno Ricco, "Nonvolatile Multilevel Memories for Digital Application", IEEE, vol. 86, No. 12, issued Dec. 1998, pp. 2399-2421.	<input type="checkbox"/>
	GK*	Chang, J., "Non-Volatile Semiconductor Memory Devices," Proceeding of the IEEE, Vol. 64, No. 7, Issued July 1976.	<input type="checkbox"/>
	GL*	Ma et al., "A dual-bit Split-Gate EEPROM (DSG) Cell in Contactless Array for Single-Vcc High Density Flash Memories", IEEE, pp.3.5.1-3.5.4, 1994.	<input type="checkbox"/>
	GM*	Oshima et al., "Process and Device Technologies for 16Mbit Eeproms with Large - Tilt - Angle Implemented P-Pocket Cell," IEEE, CH2865-4/90/0000-0095, pp. 5.2.1 - 5.2.4, 1990.	<input type="checkbox"/>
	GN*	Lee, H., "A New Approach For the Floating-Gate MOS NonVolatile Memory", Applied Physics Letters, Vol. 31, No. 7, pages 475-8, October 1977.	<input type="checkbox"/>
HM	GO*	Bhattacharyya et al., "FET Gate Structure for Nonvolatile N-Channel Read-Mostly Memory Devices," IBM Technical Disclosure Bulletin, US IBM Corp. Vol. 18, No. 6, page 1768, 1976.	<input type="checkbox"/>

Examiner Signature	H. Ho	Date Considered	10/6/96, 251
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Sheet 8 of 8	Attorney Docket Number	P-4006-US1	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Hm	GP*	Bude et al., "EEPROM/Flash Sub 3.0V Drain-Source Bias Hot Carrier Writing", IEDM 95, pp. 989-992.	<input type="checkbox"/>
	GQ*	Bude et al., "Secondary Electron Flash – a High Performance, Low Power Flash Technology for 0.35 µm and Below", IEDM 97, pp. 279-282.	<input type="checkbox"/>
	GR*	Bude et al., "Modeling Nonequilibrium Hot Carrier Device Effects", Conferences of Insulator Specialists of Europe, Sweden, June, 1997.	<input type="checkbox"/>
	GS*	Eitan, US Patent Application No. 08/905,288, filed August 1, 1997	<input type="checkbox"/>
	GT*	Eitan, US Patent Application No. 09/536,125, filed March 28, 2000	<input type="checkbox"/>
	GU*	Avni et al., US Patent Application No. 09/730,586, filed December 7, 2000	<input type="checkbox"/>
	GV*	Eitan, US Patent Application No. 08/902,690, filed July 30, 1997	<input type="checkbox"/>
Hm	GW	International Search Report of International Application PCT/IL02/00855 dated April 21, 2003	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
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			<input type="checkbox"/>

Examiner Signature	H. Ho	Date Considered	9/10/04
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